

Abstract

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5 An optical element (1) of an optical system has at least
one chamber (5) that is sealed against atmospheric pressure
and is enclosed by boundary surfaces and that has a fluid
filling. At least one of the boundary surfaces of the
chamber (5) is exposed at least partially to illumination
10 light. It is configured so that a change in the fluid
pressure inside the chamber (5) results in a change in non-
rotational-symmetric imaging properties of the optical
element (1) having n-fold symmetry. For this purpose, a
fluid source has a fluid connection to the chamber via a
15 fluid supply line (17). Furthermore, a control device is
provided for the pressure in the fluid filling.

(Figure 1)